

FIG. 2

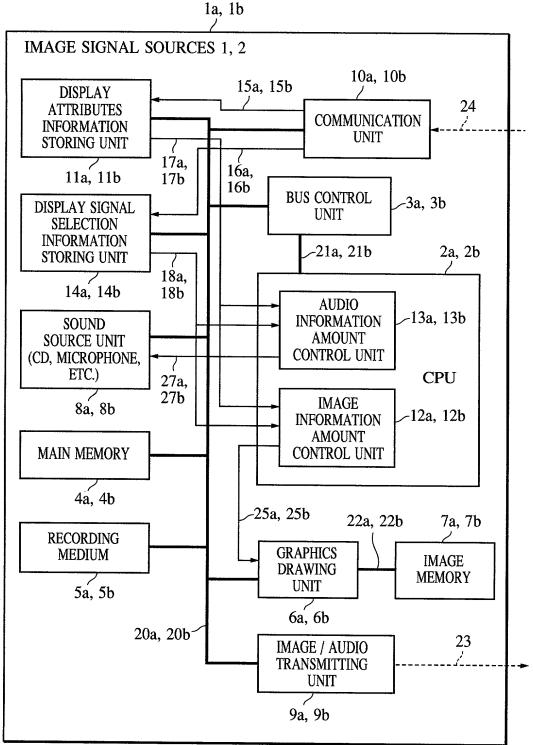


FIG. 3

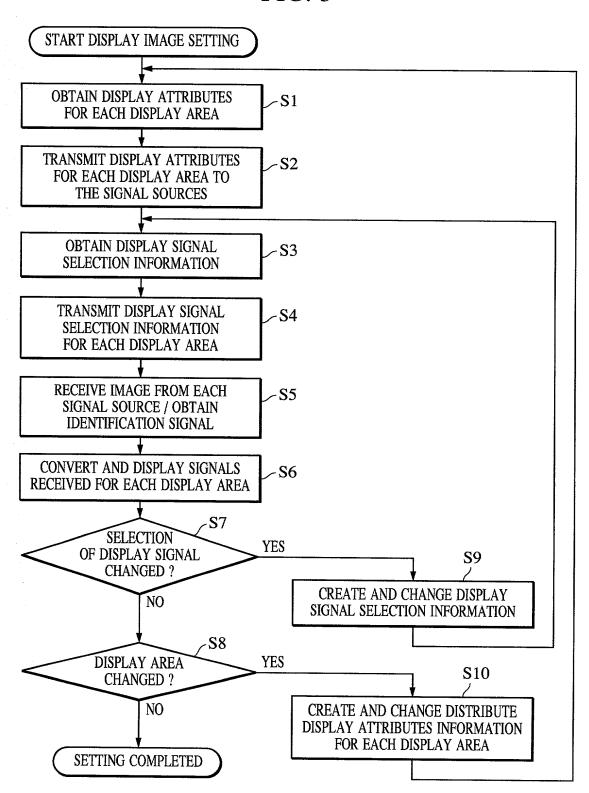
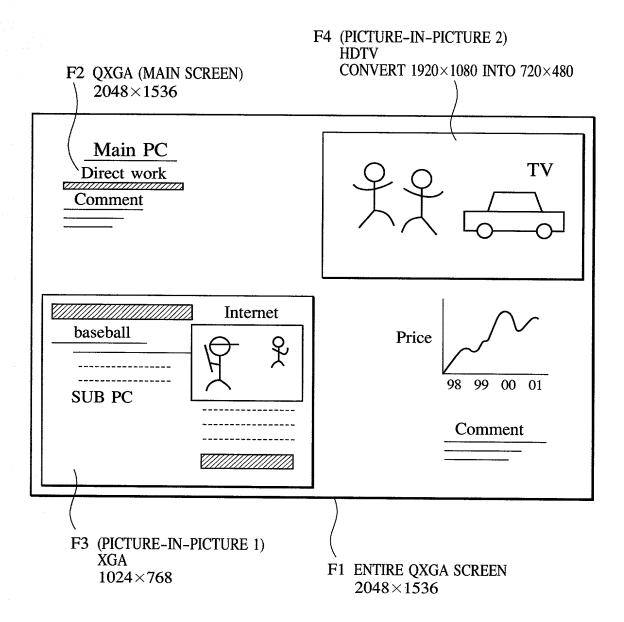


FIG. 4

| END OF<br>DATA     | H5<br>e BYTES<br>CHECKSUM                                         |                                                                                                                                                                                                                      | END OF<br>DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | H5<br>e BYTES<br>CHECKSUM                                                                                                                                      |
|--------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DISPLAY ATTRIBUTES | H4                                                                | IG. 5                                                                                                                                                                                                                | IDENTIFICATION SIGNAL FOR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | H6                                                                                                                                                             |
| INFORMATION        | d BYTES                                                           |                                                                                                                                                                                                                      | APPROPRIATE INPUT SIGNALS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | f BYTES                                                                                                                                                        |
| DISPLAY            | H3                                                                | F                                                                                                                                                                                                                    | DISPLAY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | H3                                                                                                                                                             |
| AREA ID            | c BYTES                                                           |                                                                                                                                                                                                                      | AREA ID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | c BYTES                                                                                                                                                        |
| ORIGINATOR         | H2                                                                |                                                                                                                                                                                                                      | ORIGINATOR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | H2                                                                                                                                                             |
| ADDRESS            | b BYTES                                                           |                                                                                                                                                                                                                      | ADDRESS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | b BYTES                                                                                                                                                        |
| RECIPIENT          | H1                                                                |                                                                                                                                                                                                                      | RECIPIENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | H1                                                                                                                                                             |
| ADDRESS            | A BYTES                                                           |                                                                                                                                                                                                                      | ADDRESS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | a BYTES                                                                                                                                                        |
|                    | ORIGINATOR DISPLAY DISPLAY ATTRIBUTES ADDRESS AREA ID INFORMATION | ORIGINATOR DISPLAY DISPLAY ATTRIBUTES ADDRESS AREA ID INFORMATION  HZ H3 H4 b BYTES c BYTES  ORIGINATOR  ADDRESS AREA ID  ORIGINATOR  ADSPLAY ATTRIBUTES  OF BYTES  OF BYTES  OF BYTES  OF BYTES  OF BYTES  OF BYTES | ORIGINATOR DISPLAY DISPLAY ATTRIBUTES ADDRESS AREA ID INFORMATION  A H2 H2 H3 H4 b BYTES c BYTES c BYTES C BYTES A BYTES C BYT | ORIGINATOR DISPLAY DISPLAY ATTRIBUTES ADDRESS AREA ID H2 H3 H4 H4 C BYTES C BYTES C BYTES FIG. 5  FIG. 5  ADDRESS AREA ID APPROPRIATE INPUT SIGNAL FOR ADDRESS |

## FIG. 6



## FIG 7

| DISPLAY AREA                | F2               | F3                   | F4               |
|-----------------------------|------------------|----------------------|------------------|
| PER-AREA DISPLAY            | RESOLUTION: QXGA | RESOLUTION: XGA      | RESOLUTION: SDTV |
| ATTRIBUTES                  | GRADIENTS: 8-BIT | GRADIENTS: 8-BIT     | GRADIENTS: 8-BIT |
| ATTRIBUTED<br>SIGNAL SOURCE | PCI              | PC2                  | DVD              |
| INPUT IDENTIFICATION        | COMMUNICATION    | IDENTIFICATION ID OF | COMMUNICATION    |
| SIGNAL                      | ADDRESS FOR PC1  | OUTPUT SIGNAL OF PC2 | ADDRESS FOR DVD  |

FIG. 8

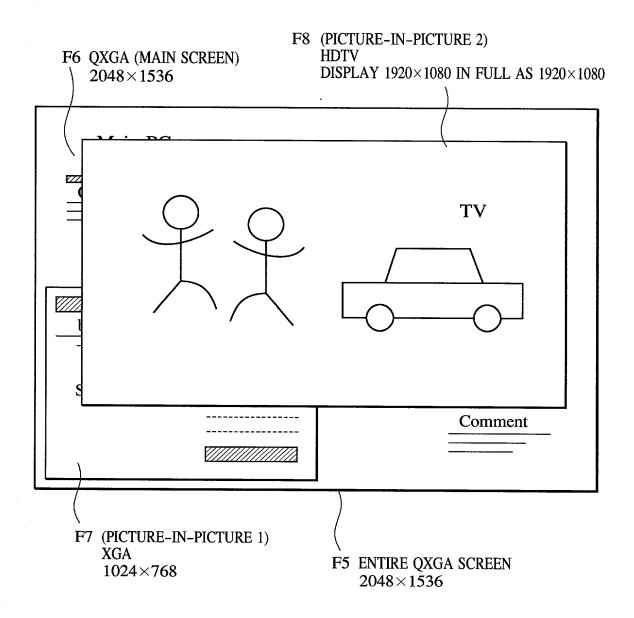


FIG 9

| DISPLAY AREA                | F2               | F3                   | F4               |
|-----------------------------|------------------|----------------------|------------------|
| PER-AREA DISPLAY            | RESOLUTION: QXGA | RESOLUTION: XGA      | RESOLUTION: HDTV |
| ATTRIBUTES                  | GRADIENTS: 8-BIT | GRADIENTS: 8-BIT     | GRADIENTS: 8-BIT |
| ATTRIBUTED<br>SIGNAL SOURCE | PC1              | PC2                  | DVD              |
| INPUT IDENTIFICATION SIGNAL | COMMUNICATION    | IDENTIFICATION ID OF | COMMUNICATION    |
|                             | ADDRESS FOR PC1  | OUTPUT SIGNAL OF PC2 | ADDRESS FOR DVD  |

